

**ABSTRACT OF THE DISCLOSURE:**

A cell culturing method comprises the steps of preparing a cell culture solution containing at least cells to be cultured and granular cell culture carriers; and applying a magnetic field to the cell culture solution so as to agitate the cell culture solution by the effect of the magnetic field, whereby the cells adhere to and grow on the surfaces of the cell culture carriers. Each of the carriers comprises a magnetic particle having a coating layer which is provided to cover at least a part of the surface of the magnetic particle so that the cells are allowed to adhere thereto, wherein the cell culture carriers are moved in the culture solution by the application of the magnetic field, thereby agitating the culture solution. Alternatively, the culture solution further contains magnetic particles, and the magnetic particles are moved in the culture solution by the application of the magnetic field, thereby agitating the culture solution.